

Product Datasheet

Aminoallyl-dUTP (ATTO-700) (orb64149)

Description	Aminoallyl-dUTP conjugated to ATTO-700.
Form/Appearance	solution in water; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ_{exc} 700 nm, λ_{em} 716 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₂ H ₅₃ N ₆ O ₁₉ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1070.89 g/mol (free acid); Detected MW: 1070.23 g/mol (free acid)
SMILES	[C@@H]1(C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)[nH]c(=O)c(c1)/C=C/CNC(=O)CCCN1c2c(C(=CC1(C)C)CS(=O)(=O)[O-])cc1c(c2)Oc2c(=N1)cc1c(=[N+])(C(C=C1C)(C)C)CC)c2)O
Expiration Date	12 months from date of receipt.